

**EUPATORIASTRUM POCHUTLANUM (ASTERACEAE:
EUPATORIEAE), A NEW SPECIES FROM OAXACA, MEXICO**

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Routine identification of Mexican plants has revealed the following novelty:

EUPATORIASTRUM POCHUTLANUM B.L. Turner, **sp. nov.** Fig.1

Eupatoriastrium angulifolium (B.L. Rob.) King & H. Rob. similes sed caulibus ac pedunculis ultimis dense glandulosi-pubescentibus (vs non glandulosis), foliis laminis e basi palmatim 7-nervatis (vs pinninervatis) supra ac infra pubescentibus (vs glabris).

Perennial herbs to 30 cm high (label data). **Stems** densely pubescent with a vestiture of glandular hairs ca 0.5 mm high, scattered amongst these a sparse array of eglandular trichomes ca 1 mm long. **Leaves** ca 25 cm long; blades cordate, 18 cm long, 20 cm wide; sparsely pubescent above and below; petiole ca 10 cm long, pubescent like the stem. **Capitulescence** a terminal corymbose panicle ca 20 cm high, 16 cm across, the ultimate peduncles 1-2 cm long. **Heads** campanulate, 7-9 mm high, 8-10 mm wide. Involucre 6-7 seriate, markedly imbricate, the outer series ca 2 mm long, glandular-pubescent, the inner series ca 8 mm long. **Receptacle** convex, ca 3 mm across, endowed with 8-10 narrowly linear pales ca 8 mm long. **Florets** ca 50 per head, reportedly "moradas" but seemingly pale lavender. **Achenes** 2.5-3.0 mm long, hispidulous; pappus of ca 40 readily deciduous bristles ca 4 mm long.

TYPE: MEXICO. OAXACA: Mpio. San Miguel del Puerto, "Arroyo Arena," (15 58 31.4 N, 96 06 34 W), ca 1147 m, 19 Nov 2002, *Jose Pasquel 661* (Holotype: TEX).

Counting the above novelty, *Eupatoriastrum* is a genus of only six species (Turner 1994). Four of these are illustrated in my treatment of the Mexican species (Turner 1997). The present species is noteworthy for its glandular pubescence and poorly developed receptacular pales. As noted, it appears to be most closely related to *E. angulifolium*, a species restricted to Chiapas and closely adjacent Guatemala.

According to label data, the species is a herb "30 cm high," but appears to be taller from the mounted material. The taxon is named for the Distrito Pochutlana, whence the type.

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LITERATURE CITED

- Turner, B.L. 1994. Systematic study of the genus *Eupatoriastrum* (Asteraceae, Eupatorieae). Pl. Syst. Evol. 190: 113-127.
- Turner, B.L. 1997. *Eupatoriastrum*, in Comps of Mexico. Phytologia Memoirs 11:93-99.



Fig. 1. Holotype of *Eupatoriastrum pochutlanum*.